

**CENTRE FOR DISTANCE AND ONLINE EDUCATION
ALAGAPPA UNIVERSITY, KARAIKUDI**

**INTERNAL ASSESMENT
(Calendar Year 2021 Onwards)**

Programme Code	519
Programme Name	DIPLOMA IN CYBER SECURITY

II SEMESTER

MODEL ASSIGNMENT/PRACTICAL QUESTIONS

Paper Code : 51921	Maximum Marks: 25
Paper Title : Web Application Security	
<ol style="list-style-type: none">1. Distinguish between Client-side scripting and server-side scripting.2. Explain about Web penetration Testing.3. Briefly explain about attacking application architecture techniques4. Describe about attacking Back –End Components.	

Paper Code : 51922	Maximum Marks: 25
Paper Title : Malware Analysis and Network Security	
<ol style="list-style-type: none">1. What is firewall? Explain about the types of firewalls.2. Explain the two main approaches of an intrusion detection techniques3. Write about the Malware Evasion Techniques.4. Discuss in detail about common Malware types, detection and removal mechanisms.	

Paper Code : 51923	Maximum Marks: 25
Paper Title : Mobile Security	
<ol style="list-style-type: none">1. Explain Android Security Models.2. Write about Android Application Package format.3. Explain External Storage in Mobile Devices.4. Discuss Android Framework with neat diagram.	

Paper Code : 51924	Maximum Marks: 25
Paper Title : LAB – Cyber security	
<ol style="list-style-type: none">1. Using NMAP tool, implement TCP scanning.2. Demonstrate Sniffing using packet tool i.e. snort.3. Using Netcat implement the User Datagram Protocol connectivity	